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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/632,086	08/01/2003	Rick Kiessig	25396-006	3391
7590	05/31/2007			
Rick A. Toering Mintz Levin Cohn Ferris Glovsky and Popeo PC Suite 900 12010 Sunset Hills Road Reston, VA 20190			EXAMINER LEWIS, CHERYL RENEA	
		ART UNIT 2167	PAPER NUMBER	
		MAIL DATE 05/31/2007	DELIVERY MODE PAPER	

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	10/632,086	KIESSIG ET AL.	
	Examiner	Art Unit	
	Cheryl Lewis	2167	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on 09 March 2007.
 2a) This action is **FINAL**. 2b) This action is non-final.
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) Claim(s) 1,2,5-26 and 28-32 is/are pending in the application.
 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
 5) Claim(s) _____ is/are allowed.
 6) Claim(s) 1,2,5-26 and 28-32 is/are rejected.
 7) Claim(s) _____ is/are objected to.
 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.
 10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) Notice of References Cited (PTO-892)
 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
 3) Information Disclosure Statement(s) (PTO/SB/08)
 Paper No(s)/Mail Date 3/29/07.

4) Interview Summary (PTO-413)
 Paper No(s)/Mail Date. _____.
 5) Notice of Informal Patent Application
 6) Other: _____.

DETAILED ACTION

1. This Office Action is in response to the applicants' communication received on March 9, 2007.
2. Claims 1, 2, 5-26, and 28-32 are presented for examination.
3. The applicants have amended claims 1 and 35 in the amendment received on March 9, 2007. Claims 3, 4, and 27 has been cancelled.
4. Applicants' arguments with respect to claims 1-32 and 34-70 have been considered but are deemed to be moot in view of the new grounds of rejection.

Remarks

5. The Examiner extends her appreciation to the applicants' representative in amending the limitations of claims 1, 2, 5-26, and 28-32. In an earlier conversation, the Examiner stated that the claims would be considered for allowance. However, upon closer examination of the newly amended claims, the claims cannot be allowed at this time because of the newly discovered references presented in the (rejection) Office Action below.

At this point, the Examiner kindly requests that the applicants take these references into consideration with respect to the claim limitations of claims 1, 2, 5-26, and 28-32.

Claim Rejections - 35 USC § 103

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

7. Claims 1, 2, 5-26, and 28-32 are rejected under 35 U.S.C. 103(a) as being unpatentable over Delaire et al. (Patent No. 6,952,698 B2 filed October 5, 2001, hereinafter Delaire) and McCotter et al. (Patent No. 6,401,097 B1 filed January 22, 1999, hereinafter McCotter).

8. Regarding Claims 1 and 26, Delaire teaches a storage area network methods and apparatus for automated file system extension:

The method and associated system for a storage area network methods and apparatus for automated file system extension as taught of suggested by Delaire includes:

a volume manager (Abstract, line 7, col. 73, lines 28-33) configured to manage the electronic files (col. 54, line 43) on the volume and to manage the electronic files on the volume (col. 73, lines 28-33); a coherency manager module coupled to the volume manager (figure 5, 'Manager Framework') and configured to manage at least one of a relationship of the selected file (col. 57, lines 52-65).

However, Delaire does not expressly teach a workflow module to perform event-driven action corresponding to a trigger, trigger events to change to content of selected

file and and a file operation; and event-driven action of metadata relating to electronic files.

McCotter teaches a workflow module to perform event-driven action corresponding to a trigger, trigger events to change to content of selected file and and a file operation; and event-driven action of metadata relating to electronic files. (col. 3, lines 8-22 and 50-65, col. 4, lines 1-3 and 7-24).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the electronic files of Delaire's method with the electronic files of McCotter's method because McCotter's electronic files could enable the electronic files of Delaire to comprise a function to search the metadata related electronic files, wherein in searching the metadata related electronic files provides a profile among the files, in which the profile allows the files to be searched according to name, author, date, project id and status.

9. Regarding Claims 2, 5-25, and 28-32, respectively, the limitations of these claims have been noted in the rejection of the claims presented above. These claims have been re-worded, however, the re-wording of these claim limitations of claims 8-35 are also presented in the above rejections. They are therefore rejected as set forth above.

NAME OF CONTACT

10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cheryl Lewis whose telephone number is (571) 272-4113. The examiner can normally be reached on 6:30-3:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Cottingham can be reached on (571) 272-7079. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

(571) 273-4113 (Use this FAX #, only after approval by Examiner, for "INFORMAL" or "DRAFT" communication. Examiners may request that a formal paper/amendment be faxed directly to them on occasions.).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist/ Technology Center (571) 272-2100.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Cheryl Lewis/
Patent Examiner, A.U. 2167
May 22, 2007